

**Supplement Table 1. Serological indicators of multiple organ injury in patients stratified by serum calcium**

	Normal Ca	Low Ca	P Value
<b>N</b>	54	73	
<b>hs-cTnI (&gt;15.6pg/mL)</b>	3/54 (6.3%)	23/73 (34.9%)	3.39E-04
<b>NT-proBNP</b>	10/54 (20.0%)	35/73 (53.9%)	6.90E-05
	(>169pg/mL)		
<b>BUN (&gt;7.5mmol/L)</b>	2/54 (3.7%)	15/73 (20.6%)	0.006
<b>CRE (&gt;84umol/L)</b>	8/54 (14.8%)	21/73 (28.8%)	0.064
<b>eGFR (&lt;90ml/min/1.73)</b>	14/54 (26.0%)	44/73 (60.3%)	1.22E-04
<b>ALT (&gt;41U/L)</b>	14/54 (25.9%)	22/73 (30.1%)	0.603
<b>AST (&gt;40U/L)</b>	9/54 (16.7%)	29/73 (39.7%)	0.005
<b>TBIL (&gt;26umol/L)</b>	0/54 (0.0%)	6/73 (8.2%)	0.038 <sup>#</sup>
<b>DBIL (&gt;8umol/L)</b>	2/54 (3.7%)	14/73 (19.2%)	0.009
<b>PT (&gt;14.5s)</b>	7/54 (13.5%)	32/73 (45.1%)	1.92E-04
<b>SpO<sub>2</sub> (mean±S.D.)</b>	96.7±2.3	92.6±8.4	1.44E-04

**Supplement Table 2. Immune cytokines level in blood in patients stratified by serum calcium**

	Normal Ca	Low Ca	P Value
<b>N</b>	36	57	
<b>IL-1<math>\beta</math> (&gt;5pg/mL)</b>	3/36 (8.3%)	5/57 (8.8%)	>0.05
<b>IL-2R (&gt;710U/mL)</b>	4/36 (11.1%)	22/57 (38.6%)	0.004
<b>IL-6 (&gt;7 pg/mL)</b>	3/36 (8.3%)	31/57 (54.4%)	7.0E-06
<b>IL-8 (&gt;62 pg/mL)</b>	0/36 (0.0%)	7/57 (12.3%)	0.041
<b>IL-10 (&gt;9.1 pg/mL)</b>	3/36 (8.3%)	18/57 (31.6%)	0.009
<b>TNF-<math>\alpha</math>(&gt;8.1 pg/mL)</b>	11/36 (30.6%)	26/57 (45.6%)	>0.05